CLARK COUNTY REGIONAL SHOOTING SPORTS PARK OVERVIEW OF CULTURAL AND BIOLOGICAL RESOURCES

For

Clark County Parks and Recreation Department Pentacore Engineering, Inc.

By

Knight & Leavitt Associates, Inc. 3133 W. Post Road Las Vegas, NV 89118

INTRODUCTION

The Clark County Shooting Park has been proposed for location on public lands north of Las Vegas and east of US-95. The park study area is at the base of an alluvial fan descending from Gass Peak. The legal description for the area used in this overview describes lands in T18S, R60E, portions of Sections 25, 26, 27, 34, 35, and 36 (see maps in Appendix A).

To produce this document, existing reports, public records, and database were searched to assess the potential for finding cultural, paleontological, and biological resources in the proposed study area. The information that follows is an overview of resources in the vicinity of the proposed project. As such, this overview can be used to predict the types of resources and the issues that will need to be addressed when the area is subject to an environmental assessment (EA).

Setting the background for the specific resource issues, the study area is located in the north central Las Vegas Valley. The terrain in the study area includes a wash area, highly dissected, which forms a badlands. This is found in the southwest corner of the project area and it is part of the Tule Springs Wash. This wash is the principle drainage in this section of the valley. Altitude in this portion of the study area is between 2400-2500' A.S.L. An alluvial fan makes up the rest of the study area. This fan trends to the south and there is some 400' of elevation between the low point in the project area (2400') and the high point (2800') in the northeast corner. For purposes of this project, this means that a range of environments (cultural and biological) will be encountered during environmental studies.

CULTURAL RESOURCES

Humans are known to have inhabited Southern Nevada for at least the last 13,000 years. Attached to this document is a complete cultural overview of the area (Appendix B). This background research informs us of the time depth and complexity of human activity in the area. Southeast of the project area (in the wash badlands) is Tule Springs Archaeological District. This National Register of Historic Places (NRHP) district includes a complex of cultural and paleotological resources of great significance. Directly south of the proposed project is the Tule Springs Ranch, an historic era property listed on the NRHP.

Prehistoric Resources

There is a high probability of locating prehistoric sites within the overview area. This most likely place for finding these sites is within the badlands of the Tule Springs Wash area below 2500'. Prehistoric sites have been located at high densities downstream from the study area, both in the Tule Springs Archaeological District, and in those areas of North Las Vegas along the drainage. The project area is near critical resources (water, plant and animal resources) and a known prehistoric settlement described by Steward in 1938 was located nearby. It is less likely that prehistoric cultural material will be located (except as isolates or small sites) farther up the alluvial fan in the northeast corner of the project area.

The sites found in the project area will most likely be associated with the Lake Mojave and Pinto periods dating back as far as 10,000 years. A possibility does exist for locating lithic and ceramic artifacts that would be associated with the Saratoga Springs period of 850 to 2,000 years before present (BP). This was a time of high prehistoric population density in the region. The study area is also located on the logical route from Tule Springs to Mormon Well in the Sheep Mountains. Prehistoric sites are often located along this type of travel route. Cultural material that may be discovered could include storage features, open camps, and ad-hoc activity areas. Where the surface is relatively undisturbed, prehistoric trails have been located near Tule Springs, this could be true in the project area.

It is very likely that sites found in, and along, Tule Springs Wash could be important to the understanding of prehistory in the region. The entire project area will require a Class III cultural resource inventory of any unsurveyed portion of the proposed shooters park. Using this survey standard, pedestrian transects, spaced 30 meters apart, are walked over the project area. All cultural resources located will have to be recorded and assessed for significance to the NRHP. Any significant resources found will have to be avoided and/or mitigated if impacted by the proposed project. This work will have to be completed in consultation with the federal land manager and the State Historic Preservation Office.

Historic Resources

The is a low to moderate probability of locating historic period resources in the study area. Historic properties south of the project were settled as early as 1909. In general, there were some ranching, farming, and railroad building activities near the project area. If discovered, sites associated with these turn-of-the-century activities will likely be small and limited in scope. It is also possible that sites associated with World War II military training could be discovered in the project area. These types of resources have been recorded to the east of the project area and they were associated with the early activities of what is now Nellis Air Force Base. The process for locating, assessing, and dealing with historic materials is the same as described above for prehistoric resources.

PALEONTOLOGICAL RESOURCES

The southwest third of the project area has a high potential for containing paleontological resources. This would include those areas of Tule Springs Wash below 2500' that we are describing as the badlands. Mapping by Longwell and others (1965) indicates that the proposed project area contains sediments of the Las Vegas Formation. The Las Vegas Formation has been previously demonstrated to have high potential for containing significant nonrenewable paleontologic resources. Areas of the this formation near Tule Springs have produced fossil finds that date back over 30,000 years. In addition, large mammals have been recovered in the vicinity when exposed by large public works construction projects.

As the proposed shooter park is currently in federal ownership, a complete paleontologic inventory of the area will have to be made. This will include background research, field inventory, and likely testing/mitigation of materials discovered. This type of research can only be conducted by an organization meeting the permit qualifications for conducting inventories on Bureau of Land Management lands in the State of Nevada.

BIOLOGICAL RESOURCES

In order to inventory the biological resources in the project area, literature reviews, agency contacts (U.S. Fish and Wildlife Service, Nevada Division of Wildlife, Bureau of Land Management), and field surveys will have to be conducted. Biological resources in the project area can be classified as listed, sensitive, or non-sensitive. Listed species (threatened or endangered) and sensitive species are afforded special protection by either federal or state agencies. Some are defined as sensitive by regulations or agency policy, or they may be afforded special consideration through management agency rules or directives. Some biological resources (cacti and yucca) are protected under Nevada Revised Statutes. Potential impacts to biological resources from the proposed action will have to be considered in the EA phase of the project. Finally, Clark County has entered into agreements with the U.S. Fish and Wildlife Service to manage impacts from growth to preclude the listing of numerous species of plants and animals. A number of these species have the potential to be found in the project area.

Plant Resources

Several plant species of concern may occur in the proposed location for the Shooters Park. Three rare species have been identified by the Nevada Natural Heritage Program (4 April 2001) in the project area as delineated (see Appendix C). In addition, State protected cacti and yuccas are known to be present along the slopes of Gass Peak in abundant numbers. The following table details potential rare species in the project area.

C4-4---

Table 1: Potential Plant Species in the Project Area

Species Name Arctomecon californica Eriogonum corymbosum var. glutinosum	Common Name Las Vegas bearpoppy golden buckwheat	FWS SOC SOC	BLM Sensitive Sensitive	State CE
Perityle intricata Cactaceae Agavaceae	delicate rock-daisy all cactus species all yucca species		Vulnerable	CY CY

SOC=Species of concern; CE=critically endangered, CY=cactus and yucca

Two general habitats dominate the shooting range project area. The lower elevation is comprised of "badlands" topography, a mixture of evaporite clays and gypsiferous minerals. This landscape frequently harbors both Las Vegas bearpoppy and the golden buckwheat. These two plant species are endemic to the Mojave Desert and occur on gypsum-based soils in Clark County. The Las Vegas bearpoppy is protected under Nevada Revised Statutes (NRS-527). Las Vegas bearpoppy is known to occur in the proposed parcel. It is highly likely that golden buckwheat occurs there as well. Las Vegas bearpoppy and golden buckwheat frequently co-occur, particularly in these badlands in northwestern Las Vegas. In addition, the alluvial slopes can have populations of delicate rock-daisy. This shrub is restricted to limestone substrates and can be locally common on low fans and canyon washes.

The higher elevation is comprised of gently sloping alluvial fans covered by desert pavement. When undisturbed, these slopes can have a fairly high density of cacti and yuccas mixed in with the native creosote bush shrub. A variety of barrels, cholla, beavertail, cottontop, and fishhook cacti are known from these slopes. Three species of yuccas can be found in the area as well. Based on State law (NRS 527.060-.120), a preconstruction harvest would be required for this site if these species were going to be destroyed by the project. Permits and salvage coordination is done in conjunction with the Nevada Division of Forestry.

Background research indicates that three federal species of concern occur, or are likely to occur, in the proposed project parcel. At this time, locations, densities, and/or quantities of each species are unknown. In addition, undisturbed areas of desert pavement will contain medium to high densities of cacti and yucca. The project will require that a complete botanical inventory of the proposed site be completed by a qualified botanist. This work will include mapping and field inventory at several times during the year. Many rare plants can only be found during limited field seasons so it is important that this task be authorized as soon as the project is started. The survey to delineate and count cacti and yucca species can be undertaken at the same time as the botanical inventory for rare plants takes place.

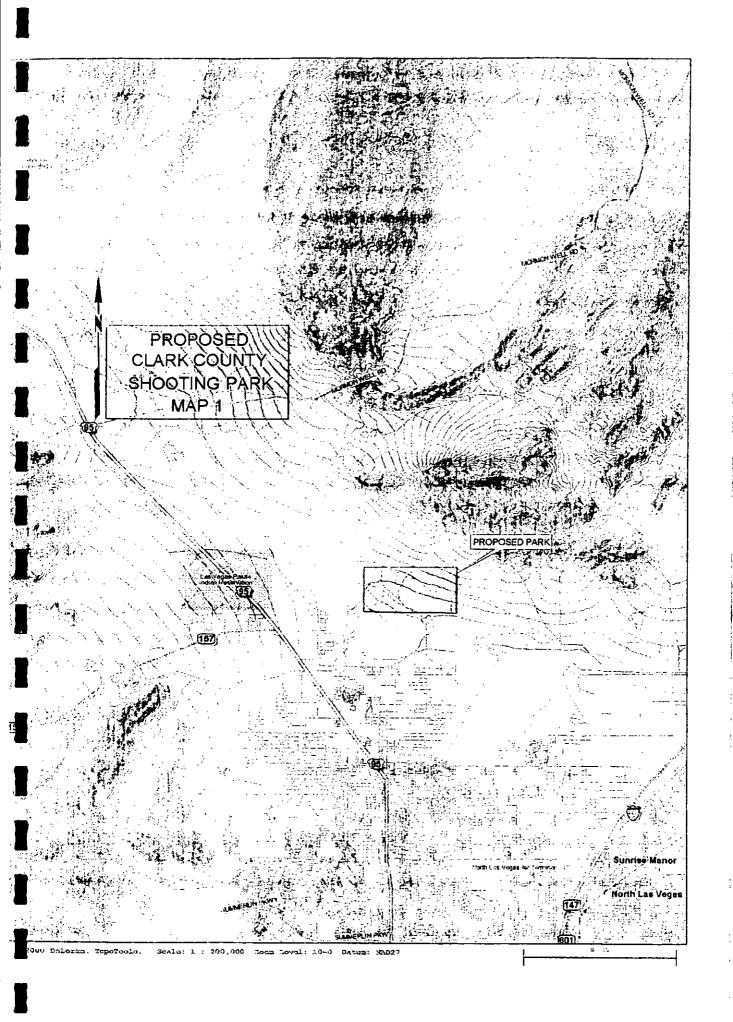
Animal Resources

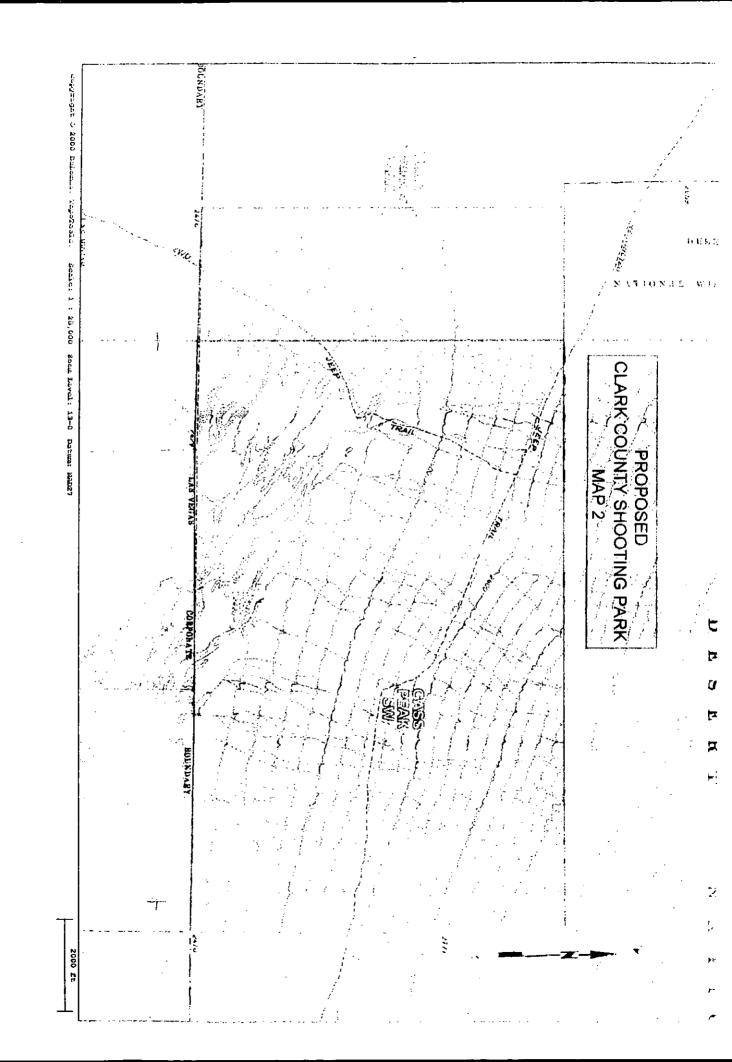
The only known Federally Listed Taxon known to occur in the project area is the desert tortoise (Gopherus agassizii). In addition, the banded Gila monster (Heloderma suspectum cinctum), a BLM Special Status Species, and the chuckwalla (Sauromalus ater), a BLM Sensitive Species may occur in the project area. This information is from the Nevada Natural Heritage Program (4 April 2001). In addition, a check of the tables within the Clark County Multiple Species Habitat Conservation Plan and Environmental Impact Statement indicates the project area may harbor a number of mammals, birds, reptiles and amphibians of concern. At the onset of this project, agency contacts and a literature review should be undertaken to develop a list of animal species of concern for study. Biological surveys for the species of animals of concern will need to completed as part of the EA process.

Since it is known that desert tortoise occurs in the project area, this species will require special consideration. Clark County has in place a mechanism for assessing impact fees for the permanent loss of desert tortoise habitat acreage. It is our opinion that the entire project area will have to be classified as lost habitat. As a shooting park the various ranges will be lethal to animals such as the tortoise. In addition, to prevent injury to the public the park will have to be fenced to preclude accidental access. This will stop the natural migration of tortoises and isolate them within park area. It is unlikely that the tortoise within the park would remain a viable population under these conditions. It would be our recommendation that when shooting park is enclosed a tortoise proof fence be installed. The park should then be cleared of the desert tortoise to insure these animals are not harmed by park activities.

CONCLUSIONS

Based on the background research, the lands for the proposed shooters park may contain significant cultural, paleontological, and biological resources. The assessment of these resources will require that permitted archaeologists, paleontologists, and qualified biologists conduct field reconnaissance surveys over the entire project area. The findings from these surveys will determine the scope of resources contained in the parcel and will lead to a strategy for avoiding or mitigating impacts. It is noted that the southwestern third of the parcel, known as the badlands, is likely to contain the most significant cultural and natural resources in the project area.





Appendix B

CULTURE HISTORY OVERVIEW

Prehistoric Background

Previous research shows that human beings have lived in Southern Nevada for at least the last 13,000 years, but did not use every area of the region equally. The occupations have been divided into the following periods modified from a standard reference (Warren and Crabtree 1986). The overall scheme is derived from Simms (1996).

PaleoIndian/Tule Springs Period (ca. 13,000-10,000 B.P.)

This period is the big game hunting period of North American prehistory. The hallmarks of this period, the fluted Clovis and/or Folsom points, have been found in Clark County as isolated specimens.

Lake Mojave Period (ca. 10,000-7000 B.P.)

This period represents the terminal portion of the PaleoIndian era throughout the Great Basin and eastern Mojave Desert. This was a period of increasing aridity and decreasing rainfall, leading to the eventual extinction of the Pleistocene megafauna. The material culture of this period generally consists of small sites on the terraces of Pleistocene lakes or along extinct or reduced watercourses. Sites attributed to this period are found around playas, dry lake beds, and badlands adjacent to study area and in nearby Pahrump and Death Valley (Susia 1964, Hunt 1960).

Pinto-Gypsum Period (ca.7000-1500 B.P.)

This is generally considered the Desert Culture or Archaic period of Great Basin Prehistory, defined by a lifestyle dependent on the intensive exploitation of wild fauna and flora using generalized hunting and gathering tools and methods. There was an increased reliance on seeds, nuts, berries, and other hard to process foods. This pattern is shown by the presence of milling stones on many sites of this period. The diagnostic artifacts for this period are the Humboldt, Pinto, and Gypsum series of points, each of which temporally overlaps with the others. Many resource zones were exploited by Archaic peoples using a seasonally transhumant pattern that used resource zones when the flora and fauna became available. There are sites in the Las Vegas, Sheep, and Spring Mountains near the project area attributed to this period. Sites attributed to this period are found around adjacent to study area and in nearby Pahrump and Death Valley Susia 1964, Hunt 1960).

Virgin Anasazi /Saratoga Springs (Patayan) Period (ca.2000-850 B.P.)

This period marks the appearance of the Virgin Anasazi in the Southern Nevada Region. The cultural pattern was similar to Anasazi groups in Arizona. These people, living along the Muddy and Virgin River Valleys, employed pithouse architecture and limited horticulture. They also hunted and gathered throughout their stay, although agriculture eventually became the dominant mode of subsistence. Sites attributed to this period are at Ash Meadows, and Las Vegas Valley to the west, south, and east of the project area (Warren and Crabtree 1986, Hunt 1960).

Numic Period (ca. 850-100 B.P.)

Archaeologically, the Paiute become visible in the cultural record about 850 years ago. The Shoshone material assemblage was generally simple, oriented toward food procurement rather than production. They employed Elko points or desert side-notched (DSN) points with juniper wood bows, rabbit snares and nets, wooden crooks for killing small game, a generalized stone tool kit, yucca cord headbands and sandals, and woven baskets as headgear and storage facilities. They also employed a brown plainware or corrugated ceramic. Site types include rockshelters, open camps, brush wickiups, and roasting (mescal) pits.

Ethnographic Records

The overview area is within the territory of the Las Vegas Band of the Southern Paiute (Thomas, et al. 1986:264). The closest village to the was probably at Tule Springs or perhaps Corn Creek Springs (Steward:1938, Stewart:1978). A detailed description of the population densities in the region and of the subsistence strategies of the aboriginal population is found in Stewart (1938 93-99).

Historic Period Overview

The principal historic event in the region was the construction of the Las Vegas & Tonopah Railroad (LV&T RR) in 1905. The railroad operated until 1917 (Myrick 1963:457). A review of 19th and early 20th century maps of the region shows no cultural features of regional importance within the overview area. Las Vegas and Corn Creek Springs are shown on these maps, but Tule Springs only became important when travel from Las Vegas to the Bullfrog (Beatty) area increased in the early 20th century. Sites associated with World War II activities at the Las Vegas Bombing & Gunnery School and the above-ground testing of nuclear weapons in the 1950s are often found on the Gass Peak Fan (Knight & Leavitt 1994).

RESULTS OF ARCHIVAL CONSULTATIONS:

The review area is near a National Register of Historic Places (NRHP) district and a site. Tule Springs Ranch in T19S, R60E, Section 9, is 0.5 miles southwest of the study area boundary. This site was listed on the NRHP on 9/23/81. The Tule Springs archaeological district is in T19S, R61E, Sections 6, 7, and 8 includes five NRHP eligible sites. It is 0.6 miles south of the southern boundary of the review area. It was placed on the NRHP on 4/20/79. This district was nominated as a result of the major archaeological and paleontological research conducted in the 1960s by the Nevada State Museum, UCLA, and the National Geographic Society (Wormington & Ellis 1967).

A review of the Nevada State Historic Society index of sites before 1928 indicates no known sites in the overview area, but there are several nearby. The Las Vegas & Tonopah Railroad right-of-way is located in R18S, R59E and approaches within 1.3 miles of the study area. The June Bug Mine, part of a small mining district in T18S, R61E, is 2.0 miles from the study area. It operated between 1915 and 1920 (Avarett 62:58)

No structures listed on the URS Blume & Associates 1982 Survey of Historic Structures Southern Nevada and Death Valley are located on or near to the proposed project area.

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Nevada Natural Heritage Program

Department of Conservation and Natural Resources
1550 East College Parkway, Suite 145 * Carson City, Nevada 89706-7921
volce: (775) 687-4245 fax: (775) 687-1288 web: www.state.nv.us/nvnhp/

4 April 2001

Kenneth Knight Knight & Leavitt Associates 3133 W. Post Rd. Las Vegas, NV 89118

RE: Data request received 4 April 2001

Dear Mr. Knight:

We are pleased to provide the information you requested on endangered, threatened, candidate, and/or sensitive plant and animal taxa recorded within or near the Proposed Clark Co. Shooting Range project area. We searched our database and maps for the following:

Within a four mile radius of:
Township 18S Range 60E Sections 25,26,27,34,35, and 36

The enclosed printout lists the taxa recorded within the given area. Please be aware that habitat may also be available for: the desert tortoise, *Gopherus agassizli*, a Federally Threatened Taxon; the banded Gila monster, *Heloderma suspectum cinctum*, a Nevada Bureau of Land Management (BLM) Special Status Species; the chuckwalla, *Sauromalus ater*, a Nevada BLM Sensitive Species; the golden buckwheat, *Erlogonum corymbosum* var. *glutinosum*, a Nevada BLM Sensitive Species; and the delicate rockdaisy, *Perityle Intricata*, a Taxon determined to be Vulnerable by the Nevada Natural Heritage Program. We do not have complete data on various raptors that may also occur in the area; for more Information contact Ralph Phenix, Nevada Division of Wildlife at (775) 688-1565. Please note that all cacti, yuccas, and Christmas trees are protected by Nevada state law (NRS 527.060-120), Including taxa not tracked by this office.

Please note that our data are dependent on the research and observations of many individuals and organizations, and in most cases are not the result of comprehensive or site-specific field surveys. Natural Heritage reports should never be regarded as final statements on the taxa or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

Thank you for checking with our program. Please contact us for additional information or further assistance.

Sincerely,

Eric S. Miskow Biologist III/Data Manager

Sensitive Taxa Recorded near the Clark Co. Shooting Range (proposed) project area Complied by Nevada Natural Heritage Program for Knight & Leavitt Associates

4 April 2001

Ashes Xyrauchen texanus	Arctomecon californica	Scientific name
razorback sucker	las Vegas bearpoppy	Common name
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v	v	Bim
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YES	æ	State
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1995	1994-04-21	<u>las</u> observed

U.S. Fish and Wildlife Service (Usfivs) Catedories for Listing under the Endangered Species Act:

- F Usted Endangered - In danger of extinction in all or a significant portion of
- ۵ Former Category 2 Candidate, now species of concern

Bureau of Land Management (Blm) Species Classification:

Nevada Special Status Species - USFWS listed, proposed or candidate for listing, or protected by Nevada state law

United States Forest Service (Usfs) Species Classification:

Region 4 and/or Region 5 Endangered species

Nevada State Protected (State) Species Classification:

Fauna:

贸 Species protected under NRS 501

flora:

Ж 527.260-300) of overexploitation, disease or other factors, or because their habitat is threatened with destruction, drastic modification or severe curtailment (NRS Critically endangered - species whose survival requires assistance because

Precision (Prec) of Mapped Occurrence:

Precision, or radius of uncertainty around latitude/longitude coordinates.

Seconds: within a three-second radius

Minutes: within a one-minute radius approximately alternated in 1.5 miles or to man our dramate or store

Nevada Natural Heritage Program Global (Grank) and State (Srank) Ranks for Threats and/c Yulnerability:

- Global trinomial Global rank indicator, based on worldwide distribution at the species level rank indicator, based on worldwide distribution at ₽
- State rank indicator, based on distribution within Nevada at the lower taxonomic level

S

Infraspecific level

0

- to extreme rarity, imminent threats, or other factors Critically imperiled and especially vulnerable to extinction or extirpation du
- imperiled due to rarity or other demonstrable factors
- very restricted range Vulnerable to decline because rare and local throughout its range, or with
- its range, especially at its periphery Long-term concern, though now apparently secure; usually rare in parts c
- Demonstrably secure, widespread, and abundan
- Accidental within Nevada
- Breeding status within Nevada (excludes resident taxa)
- Historical; could be rediscovered
- Non-breeding status within Nevada (excludes resident taxa)
- faxonomic status uncertain
- Unrankable
- Enduring occurrences cannot be defined (usually given to migrant o accidental birds)
- Assigned rank uncertain

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: 0342.0010	BRAD YECKES
C.C. REGIONAL SHOOTING SPORTS PARK	PENTACORE
CLARK COUNTY, NV	6763 W CHARLESTON BLVD
Latitude/Longitude: (36.339738, 115.215554)	LAS VEGAS, NV 89102

		tribution Summary	within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
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US EPA	RCRA-TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	_
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US EPA	CERCLIS/ NFRAP	Sites under review by US EPA	0	0	0	-
STATE/ REG/CO	LUST	Leaking Underground Storage Tanks	0	0	0	•
STATE/	SWLF	Solid waste landfills, incinerators, or				
REG/CO		transfer stations	0	0	<u> </u>	
C) Databas	ses searched to	1/4 mile:				
STATE/	UST.	Registered underground storage tanks	0	o		
STATE	AST	Registered aboveground storage tanks	0	0		



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

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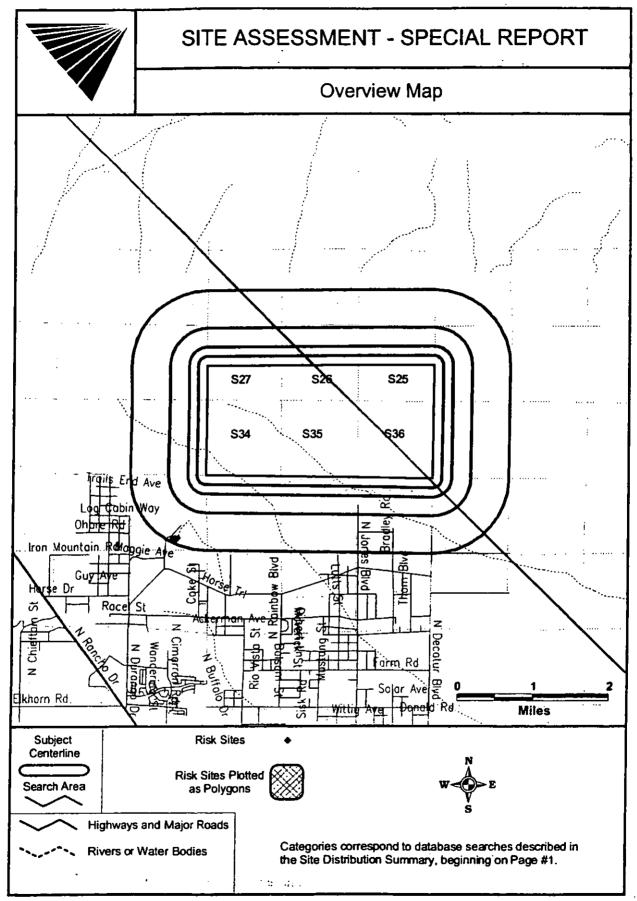
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Date of Report: April 13, 2001

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Site Distribution Summary				1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
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For More Information Call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403

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Date of Report: April 13, 2001

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SITE INVENTORY

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MAP. ID	(within 1/2 - 1 mile)	VISTA ID	NPL	CORRACTS	TSD CORRACTS	TSD	SCI CERCLIS/NFRAP	LUST	SWLF	UST	AST	LG GEN	SM GEN	ERNS	SPILLS
	• No Records	Found													



			A				В			(D)	
UNMAPPED SITES	VISTA ID	IdN	CORRACTS	TSD CORRACTS	QS1	SCL	CERCLIS/NFRAP	LUST	SWLF	ารก	AST	IG GEN	SM GEN	ERNS	SPILLS
LAS VEGAS PAVING	50278307 5							x							
NORTH LAS VEGAS, NV 0		Ш		Ш	L.			Ĺ	L		Щ		Ш		
NORTH LAS VEGAS AIRPORT	502783077							x							
NORTH LAS VEGAS, NV 0			ļ									Ш			
NEVADA POWER COMPANY/TRANSFORMER SPILLS	64790072		ļ												
VARIOUS			l			X		X							
LAS VEGAS, NV 0				L					Ш						_
AIRCRAFT ACCIDENT	502783088							x			!				
LAS VEGAS, NV 0			L,	ш				-						_	一
CITY OF LAS VEGAS YARD	502783 0 67							x							
LAS VEGAS, NV 0					Ш	Щ							\square	_	_
84 INC.	502783060							х							
LAS VEGAS, NV 0				Щ	Ш								Щ		_
NEVADA POWER COMPANY	502783049							x							
LAS VEGAS, NV 0				-	Ш	Ц.,.									



DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

No Records Found

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

No Records Found

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

No Records Found

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

No Records Found



UNMAPPED SITES

VISTA	LAS VEGAS PAVING	·	VISTA ID#:	502783075
Address*:	NORTH LAS VEGAS, NV	0		
STATE LUST -	State Leaking Underground	Storage Tank / SRC# 400	Agency ID:	H-001183
Agency A	ddress:	SAME AS ABOVE		
Site ID:		H-001183		
Name:		LAS VEGAS PAVING		
City:		NORTH LAS VEGAS		
State:		NV		
County:		CLARK		
Activity ID		1		
Activity Ty		CONFIRMED RELEASE		
	se Reported:	15-APR-96		
file Locatio	•	NDEP: LAS VEGAS		
Media Imp	pacted:	SOIL		
Contamina		DIESEL		
Last Action	ı Date:	11-JUN-96		
Closure Da	ite:	11-JUN-96		
Fields Not I Agency fo	Reported by the Source r this Site:	Responsible Party Iip(2), Petro Contaminant Description(1), (Responsible Party City bleum Fund ID(1), DEM Last Action Memo(1), L Memo 2(1), Closure Ty	(2), Responsible Party State(2), Number(1), Container(1),

VISTA	NORTH LAS VEGAS AIR	PORT	VISTA ID#:	502783077
Address*:	NORTH LAS VEGAS, NV	0		
STATE LUST -	State Leaking Underground	Storage Tank / SRC# 400	Agency ID:	H-001202
Agency Ag	ddress:	SAME AS ABOVE		
Site ID:		H-001202		
Name:		NORTH LAS VEGAS AIRPORT		
City:		NORTH LAS VEGAS		
State:		NV		
County:		CLARK		
Activity ID:		1		
Activity Typ	oe:	CONFIRMED RELEASE		
Date Relea	se Reported:	26-DEC-95		
File Locatio	en:	NDEP: LAS VEGAS		
Media Imp	acted:	SOIL		
Contamina	nt:	AVIATION FUEL		
Last Action	Date:	21-FEB-96		
Closure Dat	te:	21-FEB-96		
Fields Not R Agency for	eported by the Source this Site:	Responsible Party Zip(2), Petro Contaminant Description(1), L	Responsible Party City. Neum Fund ID(1), DEM ast Action Memo(1), L Memo 2(1), Closure Ty	(2), Responsible Party State(2), Number(1), Container(1),



* VISTA address includes enhanced city and ZIP.
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Report ID: 402106001
Date of Report: April 13, 2001
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UNMAPPED SITES CONT.

VISTA Address*:	SPILLS	IPANY/TRANSFORMER	VISTA ID#:	64790072
	VARIOUS			
	LAS VEGAS, NV 0			
r		d Storage Tank / SRC# 400 SAME AS ABOVE	Agency ID:	H-000627
Agency A	aaress:	H-000627		
Site ID:			TD 4 1 T C O D 4 C O C D 11 C	
Name:		NEVADA POWER COMPANY/ VARIOUS	IKANSFUKMER SPILLS	
Address		LAS VEGAS		
City:		NV		
State:		CLARK		
County:		1		·
Activity ID:		-		
Activity Typ		CONFIRMED RELEASE		
	se Reported:	AIDED: CARCON CIDA		
File Locatio	·	NDEP: CARSON CITY SOIL GW		
Media Imp		SOIL GW TPH (MINERAL OI		
Contamina		1741 (MINEKAL OI 25-JAN-93		
Last Action		25-JAN-93 25-JAN-93		
Closure Dat	te:	25-JAN-93 2		
Activity ID:	•	CONFIRMED RELEASE		
Activity Typ		23-AUG-00		
	se Reported:	23-A0G-00 000823-01		
DEM Numbe Filo Logation	- -	NDEP: LAS VEGAS		
File Location	***	SOIL		
Media Impa	acted:	OTHER		
Container Contaminer	_0.	OTHER		
Contaminar	. • • • • • • • • • • • • • • • • • • •	Omen.		
Last Action				
Closure Date	·	Σip(1), Responsible Party Name	VII Boroscitto Com	C
Agency for		Party Address(3), Responsible in Party Zip(1), Petroleum Fund ID Description(2), Last Action Memo 2 Memo(2), Next Action Memo 2 Name Conducting CU(2), Zip(1)	Party City(3), Responsi (2), DEM Number(1), (mo(2), Last Action Me (2), Closure Type(2), (1), Zip(1)	ble Party State(3), Responsition Container(1), Contaminant mo 2(2), Next Action Company Conducting CU(2
	quivalent CERCLIS List / SRC		Agency ID:	H-000627
Agency Add	dress:	SAME AS ABOVE		
ite ID:		H-000627		
lame:		NEVADA POWER COMPANY/TR	ANSFORMER SPILLS	
\ddress:		VARIOUS		
ity:		LAS VEGAS		
tate:		NV		
ounty:		CLARK		
ctivity ID:		1		·-
ctivity Type		CONFIRMED RELEASE		
ate Release	Reported:	• •		



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UNMAPPED SITES CONT.

JCONNERS Officer on Case: NDEP: CARSON CITY File Location: SOIL GW Media Impacted: IPH (MINERAL OI Contaminant: 25-JAN-93 Last Action Date: **Next Action Date:** 25-JAN-93 Closure Date: 10-DEC-98 Date Modified: LPETERSO Last NDEP User: **Activity ID:** CONFIRMED RELEASE **Activity Type:** 23-AUG-00 Date Release Reported: 000823-01 **DEM Number: BPOHLMANN** Officer on Case: NDEP: LAS VEGAS File Location: SOIL Media Impacted: OTHER Container: OTHER Contaminant: - -Last Action Date: **Next Action Date:** Closure Date: 15-NOV-00 Date Modified: BPOHLMAN Last NDEP User: Zip(1), Responsible Party Name(1), Responsible Party Company(1), Responsible Fields Not Reported by the Source Party Address(3), Responsible Party City(3), Responsible Party State(3), Responsible Party Zip(1), Petroleum Fund ID(2), DEM Number(1), Container(1), Container(1) Agency for this Site: Description(2), Last Action Memo(2), Last Action Memo 2(2), Next Action Memo(2), Next Action Memo 2(2), Closure Type(2), Company Conducting CU(2), Name Conducting CU(2), Zip(1), Zip(1)

VISTA	AIRCRAFT ACCIDENT		VISTA ID#:	502783088
Address*:	LAS VEGAS, NV 0			
STATE LUST -	State Leaking Underground	Storage Tank / SRC# 400	Agency ID:	H-001336
Agency Ad	idress:	SAME AS ABOVE		
Site ID:		H-001336		
Name:		AIRCRAFT ACCIDENT		
City:		LAS VEGAS		
State:		NV		
County:		CLARK		
Responsible	e Party Name	D. J. HAARKLAU		
Responsible	e Party Company	NELLIS AIR FORCE BASE		
Responsible	e Party Address	4349 DUFFER DRIVE		
Responsible	e Party City	NELLIS AFB		
Responsible	e Party State	NV	_	
Activity ID:		7		
Activity Typ	e:	CONFIRMED RELEASE		
Date Releas	se Reported:	01-FEB-99		
DEM Numbe	er	990201-3297		



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Report ID: 402106001

Date of Report: April 13, 2001

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UNMAPPED SITES CONT.

File Location:

NDEP: LAS VEGAS

Media Impacted:

SOIL

Container

MORILE SOURCE

Contaminant:

OTHER

Contaminant Description

JP-8 AND HYDRAULIC FLUID

NELLIS MISCELLANEOUS FILE

Last Action Date: Last Action Memo

Closure Date:

22-APR-99

Closure Type

NAC 445A A-K

Fields Not Reported by the Source

Address(1), Zip(2), Responsible Party Zip(2), Petroleum Fund ID(1), Last Action Memo 2(1), Next Action Memo(1), Next Action Memo 2(1), Company Conducting

VISTA ID#:

Agency ID:

Agency for this Site:

CU(1), Name Conducting CU(1), Address(1), City(1), State(1)

CITY OF LAS VEGAS YARD **VISTA** Address*: LAS VEGAS, NV 0

STATE LUST - State Leaking Underground Storage Tank / SRC# 400

502783067

H-001054

Agency Address:

SAME AS ABOVE

Site ID:

H-001054

Name:

CITY OF LAS VEGAS YARD

City:

IAS VEGAS

State:

NV

County:

CLARK

Activity ID:

CONFIRMED RELEASE

Activity Type: Date Release Reported:

13-APR-94

File Location:

NDEP: LAS VEGAS

Media Impacted:

SOIL

Contaminant:

LEAD CHROMATE B

Last Action Date:

25-MAR-96 25-MAR-96

Closure Date: Fields Not Reported by the Source

Agency for this Site:

Address(1), Zip(2), Responsible Party Name(1), Responsible Party Company(1),

Responsible Party Address(1), Responsible Party City(2), Responsible Party State(2), Responsible Party Zip(2), Petroleum Fund ID(1), DEM Number(1), Container(1), Contaminant Description(1), Last Action Memo(1), Last Action Memo 2(1), Next Action Memo(1), Next Action Memo 2(1), Closure Type(1), Company Conducting CU(1), Name Conducting CU(1), Address(1)

VISTA **84 INC.** Address*:

LAS VEGAS, NV 0

VISTA ID#:

Agency ID:

502783060

H-000895

STATE LUST - State Leaking Underground Storage Tank / SRC# 400 **Agency Address:**

SAME AS ABOVE

Site ID:

H-000895

Name:

84 INC.

City:

LAS VEGAS

State:

NV

County:

CLARK

Activity ID:

Activity Type:

CONFIRMED RELEASE

Date Release Reported:

01-AUG-94



VISTA address includes enhanced city and ZIP.

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DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL SRC#: 19 VISTA conducts a database search to identify all sites within 1 mile of your property.

The agency release date for National Priorities List was December, 2000.

The NPL Report is the US EPA's registry of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980.

CORRACTS SRC#: 14 VISTA conducts a database search to identify all sites within 1 mile of your property. The agency release date for RCRIS Corrective Action Sites was June, 2000.

The CORRACTS database contains information concerning RCRA facilities that have conducted, or are currently conducting a corrective action. A Corrective Action Order is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may also be imposed as a requirement of receiving and maintaining a TSDF permit.

RCRIS-TSDC SRC#: 556 VISTA conducts a database search to identify all sites within 1 mile of your property.

The agency release date for RCRIS TSDs Subject to Corrective Action was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDCs are treatment, storage and/or disposal facilities that are subject to corrective action under RCRA.



B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS SRC#: 17

VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Comprehensive Environmental Response, Compensation and Liability Information Sys was December, 2000.

The CERCLIS database is a comprehensive listing of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the U.S. EPA for the release, or threatened release of hazardous substances. Once a site is placed in CERCLIS, it may be subjected to several levels of review and evaluation, and ultimately placed on the National Priorities List (NPL).

NFRAP SRC#: 18

VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for No Further Remedial Action Planned was December, 2000.

The No Further Remedial Action Planned Report (NFRAP), also known as the CERCLIS Archive, contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration.

SCL SRC#: 401

VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Corrective Action Case List was January, 2001.

This database is provided by the Department of Conservation and Natural Resources. The agency may be contacted at: 702-687-4670.

RCRIS-TSD SRC#: 12

VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for RCRIS Treatment, Storage and Disposal Facilities was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA ISDs are facilities which treat, store and/or dispose of hazardous waste.

SWLF SRC#: 23

VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for USGS Solid Waste Landfills was December, 1991.

This database is provided by the United States Geological Survey. The agency may be contacted at: 703-648-5613.



SWLF SRC#: 394 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Landfill Inventory was April, 1999.

This database is provided by the Division of Environmental Protection. The agency may

be contacted at: 702-687-4670.

LUST SRC#: 400 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Leaking Underground Storage Tanks was January, 2001.

This database is provided by the Division of Environmental Protection, Waste Management Bureau. The agency may be contacted at: 702-687-4670.

C) DATABASES SEARCHED TO 1/4 MILE

UST SRC#: 399 VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for Underground Storage Tanks was January, 2001.

This database is provided by the Division of Environmental Protection, UST Bureau. The agency may be contacted at: 702-687-4670. Be advised that some states do not require registration of heating oil tanks, especially those used for residential purposes.

AST SRC#: 398

VISTA conducts a database search to identify all sites within 1/4 mile of your property.

The agency release date for Aboveground Storage Tanks was January, 2000.

This database is provided by the Division of Environmental Protection, UST Bureau. The agency may be contacted at: 702-687-4670.

D) DATABASES SEARCHED TO 1/8 MILE

ERNS SRC#: 8 VISTA conducts a database search to identify all sites within 1/8 mile of your property. The agency release date for Emergency Response Notification System was December, 1999.

ERNS is a national computer database system that is used to store information on the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS reporting system contains preliminary information on specific releases, including the spill location, the substance released, and the responsible party.



RCRA-LQG SRC#: 16 VISTA conducts a database search to identify all sites within 1/8 mile of your property. The agency release date for RCRIS Large Quantity Generators was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRIS-SQG SRC#: 15 VISTA conducts a database search to identify all sites within 1/8 mile of your property. The agency release date for RCRIS Small Quantity Generators was June, 2000.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small Quantity Generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

SPILLS SRC#: 397 VISTA conducts a database search to identify all sites within 1/8 mile of your property. The agency release date for Spills was December, 1998.

This database is provided by the Office of Emergency Management. The agency may be contacted at: 775-687-4670 ext.3013.

End of Report

